



Patent

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Ronald R. Stephens ) Re: Information Disclosure  
Statement  
Serial No.: 10/632,354 ) Group: 3662  
Filed: July 31, 2003 ) Examiner: D. L. Phan  
For: "WAVELENGTH DIVISION ) Our Ref: B-3757DIV3 621036-0  
MULTIPLEXING METHODS AND..." )  
Date: November 19, 2003

Commissioner for Patents  
P.O. Box 1450  
Alexandria VA, 22313-1450

Sir:

In accordance with the Applicant's duty to disclose information which may be material to the examination of this application, the undersigned respectfully requests that the Examiner consider on the merits the documents listed on the enclosed Form PTO-1449 (modified) before issuing the first Office Action on the merits.

Copies of the foreign patent documents and the non-patent publications listed on the enclosed Form PTO-1449 (modified) are enclosed herewith for the Examiner's convenience. Copies of the published U.S. patent documents listed on the enclosed Form PTO-1449 (modified) are not enclosed, pursuant to Deputy Commissioner Stephen G. Kunin's Pre OG Notice dated July 11, 2003.

It should be noted that the above-identified application is related by subject matter to the following U.S. Application(s): 10/196,444, filed July 15, 2002; 10/196,480, filed July 15, 2002; and 10/696,607, filed October 28, 2003. Pursuant to 37 C.F.R. 1.56(a) and M.P.E.P. 2004, paragraph 9, the applicant brings these co-pending applications to the attention of the Examiner. The Examiner should consider this information during the prosecution of the above-identified application.

The filing of this Information Disclosure Statement (IDS) shall not be construed as a representation that a search has been made (37 C.F.R. 1.97(g)), an admission that the information cited is, or is considered to be, material to patentability, or that no other material information exists.

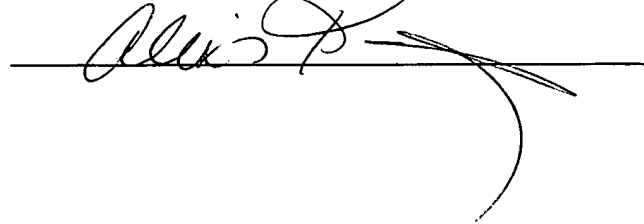
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The Applicant believes that this IDS is being submitted before the issuance of a first Office Action on the merits and before the issuance of a Final Rejection or Notice of Allowance. Therefore, no official fees should be due; and this IDS should be considered on the merits. If this IDS is being submitted after the issuance of the first Office Action on the merits and before the issuance of a Final Rejection or Notice of Allowance, please contact the undersigned to authorize a payment of \$180.00 (or any other required amount), which is the fee set forth in 37 C.F.R. § 1.97(c), if the Examiner believes that such a fee is due in order for this IDS to be considered on the merits.

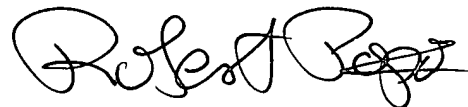
The filing of this Information Disclosure Statement shall not be construed as an admission against interest in any manner. (Notice of January 9, 1992, 1135 O.G. 13-25, at 25.)

The person making this statement is the practitioner who signs below on the basis of information supplied by an individual associated with the filing and prosecution of this application (37 C.F.R. § 1.56(c)) and on the basis of information in the practitioner's file.

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first-class mail in an envelope addressed to the "Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450", on November 19, 2003 by Alexis Karriker.



Respectfully submitted,



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Enclosures: Form PTO-1449 (modified) (1 page)  
Copy of documents listed on Form PTO-1449 (modified)



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<b>Form PTO-1449 (Modified)</b>	<b>ATTY DOCKET NO.</b> B-3757DIV3 621036-0	<b>U.S. SERIAL NO.</b> 10/632,354
<b>LIST OF PATENTS AND PUBLICATIONS STATEMENT</b>	<b>APPLICANTS</b> Ronald R. Stephens	
	<b>FILING DATE</b> July 31, 2003	<b>GROUP</b> 3662

**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NUMBER	ISSUE DATE	NAME	CLASS	SUB-CLASS	FILING DATE or 102(e) DATE IF APPROPRIATE
	6,266,176 B1	7/2001	Anderson et al.	359	245	
	6,388,815 B1	5/2002	Collins, Jr. et al.	359	633	
	6,452,546 B1	9/2002	Stephens	342	368	
	10/196,444		Stephens			7/15/2002
	10/196,480		Stephens			7/15/2002
	10/696,607		Yap			10/28/2003

**FOREIGN PATENT DOCUMENTS**

DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

	<i>Reference Data for Engineers: Radio, Electronics, Computer, and Communications</i> , Seventh Edition, Howard W.Sams & Co., Indianapolis, pp. 32-39 through 32-41 (1988).
	Anderson, B.L., et al., "Binary-Counting True Time Delay Generator Using a White Cell Design and Deformable Mirror Devices," <i>IEEE</i> , pp. 273-274 (1998).
	Anderson, B.L., et al., "Optically Produced True-Time Delays for Phased Antenna Arrays," <i>Applied Optics</i> , Vol. 36, No. 32, pp. 8493-8503 (November 10, 1997).



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	Curtis, D.D., "Holographic Rotman Lens for Phased-Array Antenna Beamforming," <i>SPIE</i> , Vol. 2481 pp. 104-113.
	Li, R.L.Q., et al., "3-Bit Substrate-Guided-Mode Optical True-Time-Delay Lines Operating at 25 GHz," <i>IEEE Photonics Technology Letters</i> , Vol. 9, No. 1, pp. 100-102 (January 1997).
	Sparks, R.A., "Progress in Optical Rotman Beamformer Technology," <i>IEEE</i> , pp. 357-360 (2000).
	White, J.U., "Long Optical Paths of Large Aperture," <i>J.O.S.A.</i> , Vol. 32, pp. 285-288 (May 1942).

<u>EXAMINER</u>	<u>DATE CONSIDERED</u>

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.